

In the Claims

1-6. (Withdrawn)

7. (Previously Canceled)

8. (Withdrawn)

31. (Previously Canceled)

32. (Currently amended) A method of diagnosing breast cancer in a human individual comprising:

a) determining the expression of a gene encoding an amino acid sequence of SEQ ID NO: 5 at least 75% identical to the sequence disclosed in Figure 1 or Figure 2 in a first breast tissue sample of a first obtained from a human individual; and

b) comparing the expression of said gene(s) in the first breast tissue sample to expression of said gene in a second normal breast tissue sample; wherein said comparison is used to diagnose whereby the overexpression of said gene in the first breast tissue sample indicates breast cancer in said human individual.

33 (Currently Amended) The method of claim 32, wherein said second normal breast tissue sample is obtained from said first human individual.

34-36. (Canceled)

37. (Currently Amended) The method of claim 32, wherein said second normal breast tissue sample is obtained from a second individual.

38-40. (Canceled)

41. (Currently Amended) The method of claim 32, wherein said gene is the gene disclosed in Figure 1 or Figure 2 comprises a nucleic acid sequence of SEQ ID NO: 4.

42. (Canceled)

43. (Previously Added) The method of claim 32, wherein said expression is measured using a labeled nucleic acid probe.

44. (Currently Amended) The method of claim 32, wherein said expression is measured utilizing a biochip comprising the sequence disclosed in Figure 1 or Figure 2 of SEQ ID NO: 4.

45. (Currently Amended) A method for determining the prognosis of an a human individual with breast cancer comprising determining the expression of a gene at least 75% identical to the sequence disclosed in Figure 1 or Figure 2 encoding an amino acid sequence of SEQ ID NO: 5 in a breast tissue sample of said human individual at different cellular states, wherein the expression of the gene at different cellular states is used to determine the prognosis of the human individual.

46. (Currently Amended) The method of claim 45, wherein said gene is the sequence disclosed in Figure 1 or Figure 2 comprises a nucleic acid sequence of SEQ ID: NO 4.

47. (Canceled)

48. (Previously Added) The method of claim 45, wherein said expression is measured using a labeled nucleic acid probe.

49. (Currently Amended) The method of claim 45, wherein said expression is measured utilizing a biochip comprising the sequence disclosed in Figure 1 or Figure 2 of SEQ ID NO: 4.